

Claims

- [c1] 1. A scanning method applicable for use in a flatbed scanner with transparent scanning function, the flatbed scanner having an optical scan module and an original document plane for placing a transparent document, and the optical scan module moving along the original document plane for scanning the transparent document, the method comprising:
- disposing the transparent document on the original document plane;
 - providing a plane light source with a distribution range covering a region of the transparent document to be scanned;
 - using the optical scan module to scan the original document plane once to read and obtain a distribution range of the plane light source; and
 - using the optical scan module to scan the region covered by the distribution range only to extract an image of the transparent document.
- [c2] 2. The method according to Claim 1, wherein the step of disposing the transparent document further comprises disposing the transparent document at an arbitrary posi-

tion with an arbitrary angle on the original document plane.

- [c3] 3. The method according to Claim 1, wherein the step of providing the plane light source includes providing an external transparency adapter.
- [c4] 4. The method according to Claim 3, wherein the step of providing the plane light source includes providing the external transparency adapter over the original document plane.
- [c5] 5. The method according to Claim 1, wherein the step of providing the plane light source includes providing a built-in transparency adapter.
- [c6] 6. The method according to Claim 5, wherein the step of providing the plane light source includes providing the built-in transparency adapter over the original document plane.
- [c7] 7. The method according to Claim 1, wherein the step of using the optical scan module to scan the region covered by the distribution range further comprises providing a calibration window, so that when light emitted from the optical scan module goes through the calibration window, the calibration window can be used to calibrate the plane light source.

- [c8] 8. A method of capturing a scanning position, applicable to a flatbed scanner with transparent scanning function, the flatbed scanner having an optical scan module and an original document plane for placing a transparent document, the optical scan module moving along the original document plane, the method comprising:
providing a plane light source with a distribution range covering a region to be scanned of the transparent document; and
using the optical scan module to scan the original document plane once to read the distribution range, so as to capture the scanning position.
- [c9] 9. The method according to Claim 8, wherein the step of disposing the transparent document further comprises disposing the transparent document at an arbitrary position with an arbitrary angle on the original document plane.
- [c10] 10. The method according to Claim 8, wherein the step of providing the plane light source includes providing an external transparency adapter.
- [c11] 11. The method according to Claim 8, wherein the step of providing the plane light source includes providing the external transparency adapter over the original doc-

ument plane.

- [c12] 12. The method according to Claim 8, wherein the step of providing the plane light source includes providing a built-in transparency adapter.
- [c13] 13. The method according to Claim 8, wherein the step of providing the plane light source includes providing the built-in transparency adapter over the original document plane.
- [c14] 14. The method according to Claim 8, wherein the step of using the optical scan module to scan the original document plane further comprises providing a calibration window, so that when light emitted from the optical scan module goes through the calibration window, the calibration window can be used to calibrate the plane light source.